

Attorney Docket No.: F7761(V)
Serial No.: 10/587,477
Filing Date: July 26, 2006
Confirmation No.: 5194

Amendments to the Claims:

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (Currently amended) An enzymatic rearrangement process for randomizing
~~Process wherein the fatty acid residues on a triglyceride fat glyceride moiety are~~
~~randomised over the terminal and middle positions, said process comprising exposing the~~
~~triglyceride fat in a reaction mixture which has a water content of 0.001 to 0.1 wt% to a~~
~~*Thermomyces lanuginosas* lipase having an activity of at least 250 IUN at the onset of~~
~~the process,~~ wherein the process proceeds to a conversion degree on the terminal
positions, Re , ranging from 0.3-0.95, and wherein a conversion degree on the middle
position, Ra , ranges from 0.06-0.75, and wherein Ra is greater than $0.32Re - 0.08$, the
process comprises the exposure of a triglyceride fat to a catalyst comprising a lipase
characterised in that the lipase is a *Thermomyces lanuginosa* lipase which has an activity
of at least 250 IUN at the onset of the process.

Claim 2 (Currently amended) The process ~~Process~~ according to claim 1, characterised in
that the catalyst has an activity of at least 300 IUN, ~~more preferably at least 350 IUN.~~

Claim 3 (Currently Amended) The process ~~Process~~ according to claim 1, characterised in
that Ra is greater than $0.32Re - 0.06$, ~~preferably greater than $0.32Re - 0.04$.~~

Claim 4 (Currently Amended) The process ~~Process~~ according to claim 1, characterised in
that the amount of catalyst ~~when-used~~ when the exposure step of the process is carried

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out in a batch reactor is 0.05 - 9 wt.%, preferably 0.05—5 wt.%, more preferably 0.05—3 wt.% calculated on the reaction mixture.

Claim 5 (Currently Amended) The process ~~Process~~ according to claim 1, wherein the exposure step of the process is carried out by passing the reaction mixture through a packed catalyst bed reactor and wherein ~~characterised in that~~ in the first hour of ~~conducting passage of the reaction mixture oil through a~~ the packed catalyst bed reactor, the reaction mixture has a residence time of the oil in the packed catalyst bed reactor is of less than 25 min, preferably less than 20 min, more preferably less than 15 min.

Claim 6 (Currently amended) The process ~~Process~~ according to claim 1, characterised in that the triglyceride fat is selected from the list comprising
any mixture comprising a liquid oil and a hydrogenated oil,
any triglyceride fat which has not been subjected to hydrogenation, and
a mixture of palm fat or a palm fat fraction and a lauric fat or a lauric fat fraction.

Claim 7 (Currently Amended) The process ~~Process~~ according to claim 1, characterised in that the conversion degree Re is less than 0.9, preferably less than 0.85.

Claim 8 (Currently Amended) The process ~~Process~~ according to claim 1, characterised in that the conversion degree Re is at least 0.35, preferably at least 0.4.

Claim 9 (Currently Amended) The process ~~Process~~ according to claim 1, characterised in that the content of water in the reaction mixture is from 0.001 to 0.1 wt.%, preferably from 0.001 to 0.05 wt.%.

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Claim 10 (Currently Amended) ~~The process~~Process according claim 1, wherein characterised in that the temperature of the reaction mixture has a temperature is from 40 to 85°C, ~~preferably from 45 to 80°C, more preferably from 50 to 75°C.~~

Claims 11 – 16 Canceled

Claim 17 (New) The process according to claim 1, wherein the catalyst has an activity of at least 350 IUN.

Claim 18 (New) The process according to claim 1, wherein R_a is greater than $0.32R_e - 0.04$.

Claim 19 (New) The process according to claim 1, wherein the amount of catalyst used when the process is carried out in a batch reactor is 0.05 - 3 wt.% calculated on the reaction mixture.

Claim 20 (New) The process according to claim 1, wherein the process is carried out by passing the reaction mixture through a packed catalyst bed reactor and wherein in the first hour of passage of the reaction mixture through the packed catalyst bed reactor, the reaction mixture has a residence time in the packed catalyst bed reactor of less than 15 min.

Claim 21 (New) The process according to claim 1, wherein the conversion degree R_e is at least 0.4 and less than 0.85.

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Claim 22 (New) The process according claim 1, wherein the reaction mixture has a temperature of from 50 to 75°C.